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PMDC announces new MDCAT 2025 syllabus and exam structure

ISLAMABAD: The Pakistan Medical and Dental Council (PMDC) has officially released the revised syllabus for MDCAT 2025 on its official website, setting the stage for a standardized and transparent medical and dental college admission process across the country.

This MDCAT 2025 syllabus update is part of PMDC's commitment to improving the quality, fairness, and consistency of healthcare education in Pakistan. The new curriculum puts a strong emphasis on conceptual understanding, analytical reasoning, and critical thinking in five key subjects: Biology, Chemistry, Physics, English, and Logical Reasoning.

Key features of the new MDCAT 2025 syllabus:

- Total questions: 180 MCQs
- Exam duration: 3 hours
- Difficulty level: 15% easy, 70% moderate, 15% difficult
- Exam format: Fully MCQ-based, no negative marking
- Passing criteria:
 - 55% minimum marks for admission to medical colleges
 - 50% minimum marks for admission to dental colleges

The MDCAT exam is tentatively scheduled for the last Sunday of September or first Sunday of October 2025. Final dates will be announced soon after consultations with admitting universities and approval from the PMDC Council.

Why the new MDCAT syllabus matters

PMDC President Prof. Dr. Rizwan Taj highlighted that

the revised syllabus addresses earlier gaps and reflects a shift toward a more merit-based and transparent assessment system. He stated that the update was compiled within just six months and balances foundational knowledge with reasoning skills — aligning with both national academic standards and global best practices.

The new syllabus has been finalized through a highly inclusive and consultative process, involving:

- Nine meetings of the MDCAT Committee and working groups
- Stakeholder feedback from Provincial Education & Health Departments, IBCC, AJK & Gilgit-Baltistan, Federal & Regional Boards
- Input from admitting

universities and the general public

Following review and integration of this feedback, the syllabus was approved by the National Medical and Dental Academic Board and the PMDC Council before being published online.

A move toward unified national assessment

Dr. Taj emphasized that the PMDC is developing a national-level question bank for MDCAT, in collaboration with academic experts, to support a fair and standardized evaluation process. He encouraged all MDCAT aspirants to begin preparation using the official updated syllabus and regularly visit the PMDC website for further announcements regarding exam schedule, registration, and resources.

Prof. Ambreen Afzal Ehsan makes history as first dentist elected CPSP Vice President

KARACHI: In a historic and inspirational development for Pakistan's healthcare and dental community, Prof. Ambreen Afzal Ehsan has been elected Vice President of the College of Physicians and Surgeons Pakistan (CPSP)—the first-ever dentist and first woman from Sindh to assume the position since the institution's founding in 1962.

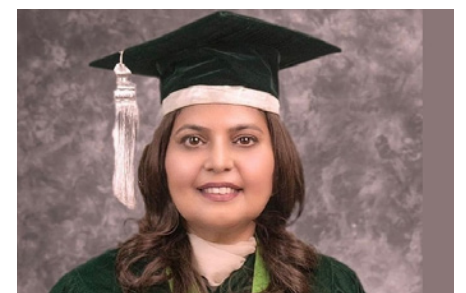
This landmark victory marks a moment of immense pride and a progressive milestone in the journey of inclusivity, representation, and gender empowerment in Pakistan's medical education

landscape.

A proud moment for Pakistan's dental community

The Pakistan Dental Association (PDA) Central Council, led by its President Dr. Khurshid Ahmad and supported by the entire team, extended heartfelt congratulations to Prof. Ambreen on this remarkable achievement. The PDA termed her election as a symbol of visionary leadership, professional dedication, and a step forward for

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Prof. Ambreen Afzal Ehsan, the first dentist and first woman originating from Sindh province elected Vice President of the College of Physicians and Surgeons Pakistan, heralding a milestone in inclusive leadership and empowerment in medical education. —Photo: DT Pakistan

IDRP Pakistan concludes inaugural International Dental Research Program



Participants of IDRPA Pakistan's inaugural International Dental Research Program proudly display their completion certificates at the closing symposium in Karachi, marking a people first milestone in dental research and community outreach. –Photo: DT Pakistan

KARACHI: IDRPA Pakistan marked a historic milestone in dental education by concluding its first-ever International Dental Research Program (IDRP) with a vibrant dental research symposium and practical implant workshops. The program's people-first approach empowered young researchers and clinicians to collaborate, innovate, and advance oral health in Pakistan.

Introducing a people-first research revolution

IDRP Pakistan put participants at the heart of every session, blending academic rigor with compassionate community outreach. Over two weeks,

dental students and practitioners benefited from:

- Global mentorship by Dr. Naseer Ahmed
- Research training on literature review, data analysis, and ethics
- Hands-on implant workshops under expert supervision
- Community service camp providing free screenings and basic treatments

This holistic model reinforced the program's commitment to both scholarly excellence and social responsibility.

The guiding light: mentorship and leadership

As official mentor, Dr. Naseer Ahmed offered timely feedback

and unwavering support.

"Mentoring this vibrant group has been deeply rewarding," he noted. "They are the future of dental academia in Pakistan."

Final-year student Shamim Ashraf founded IDRPA Pakistan, drafting its academic framework and coordinating every detail.

"Seeing young dental minds grow has been the greatest honor of my life," she shared.

Participants praised the implantology workshop series as a rare opportunity to practice on models and live demonstrations. Under expert guidance, attendees

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PMDC launches digital licensing system in Lahore for doctors and dentists

LAHORE: In a major digital leap for healthcare regulation in Pakistan, the Pakistan Medical and Dental Council (PMDC) has officially launched its new licensing system in Lahore. Located at the PMDC regional office in Shaikh Zayed Medical Complex, this marks the first time the council is offering full-scale digital registration services outside its Islamabad headquarters.

This initiative aims to streamline and speed up the registration process for medical and dental graduates, practitioners, and specialists, ensuring greater transparency, efficiency, and accessibility across the board.

All major services related to licensing and registration are now accessible at the PMDC Lahore Regional Office, including:

- New practitioner registration
- License renewals
- Good Standing Certificate issuance
- Duplicate certificate requests
- Practitioner record updates

Important note: Services related to teaching experience and practical training will still be handled at the Islamabad office.

For doctors and dentists facing challenges with

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IMPRINT INTERNATIONAL HEADQUARTERS

Publisher and Chief Executive Officer
Torsten R. Oemus

Chief Content Officer
Claudia Duschek

Dental Tribune International GmbH
Holbeinstr. 29, 04229 Leipzig, Germany
Tel.: +49 341 48 474 302
Fax: +49 341 48 474 173
General requests:
info@dental-tribune.com
Sales requests:
mediasales@dental-tribune.com
www.dental-tribune.com

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dti Dental
Tribune
International

Publisher and CEO
Syed Hashim A. Hasan
hashim@dental-tribune.com.pk

Editor Clinical Research
Dr Inayatullah Padhiar

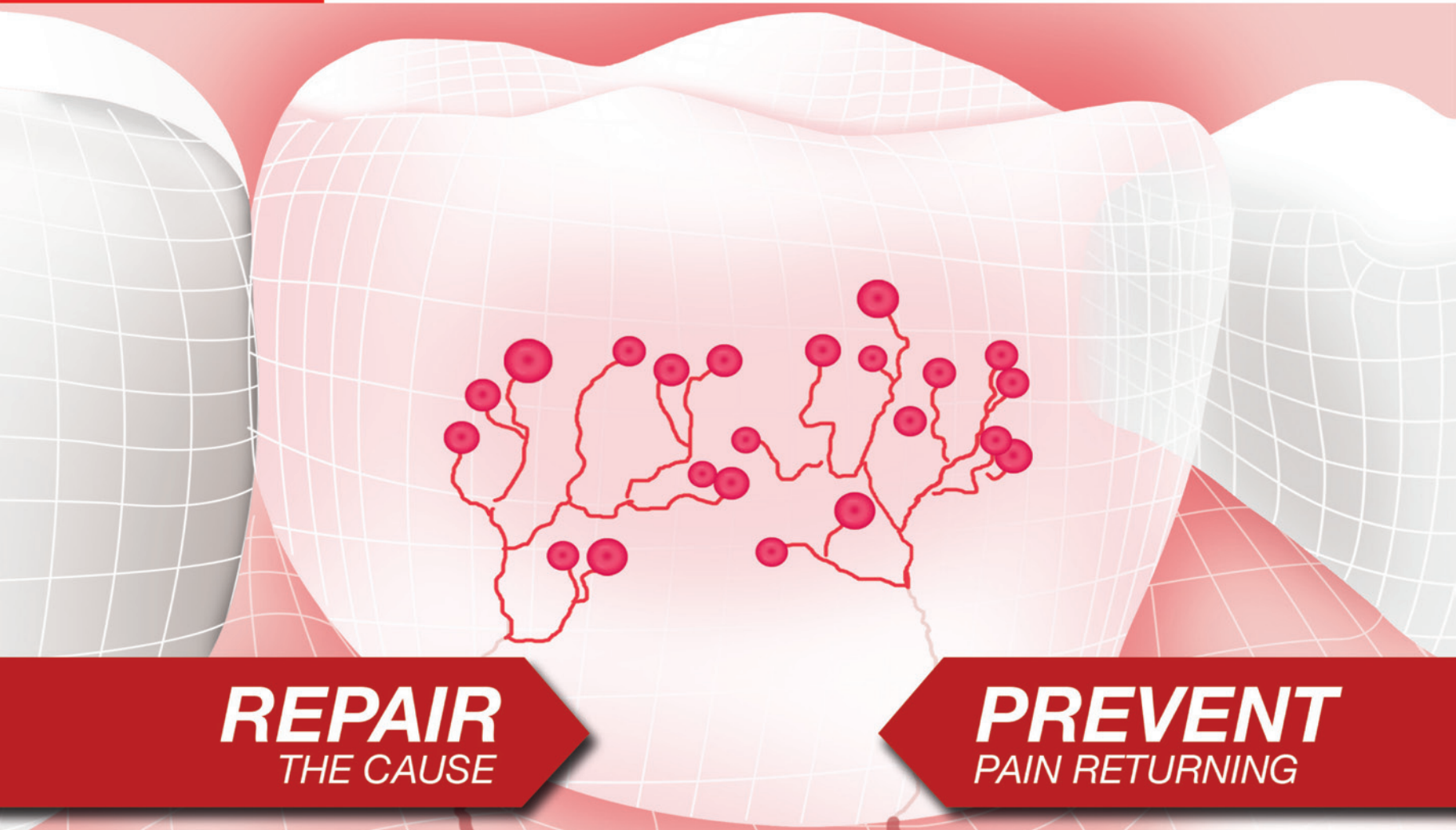
Editors Research & Public Health
Professor Ayyaz Ali Khan

Editor - Online
Haseeb Uddin

Manager Production & Coordination
M Irfan Ali

Dental Tribune Pakistan
3rd floor, Mahmood Centre, BC-11,
Block-9, Clifton, Karachi, Pakistan.
Tel.: +92 21 35378440-2
Fax: +92 21 35836940
www.dental-tribune.com.pk
info@dental-tribune.com.pk

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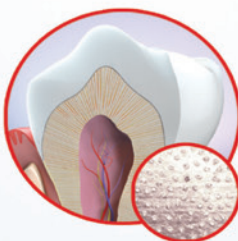
REPAIR
THE CAUSE

PREVENT
PAIN RETURNING

THERE'S A BETTER WAY TO TREAT SENSITIVE TEETH.¥

REPAIR

Forms a calcium-rich layer and helps repair[†] sensitive areas of teeth for instant and superior relief^{¥, 1-3}



PREVENT

Regular use helps strengthen gums and provides lasting protection to prevent further tooth sensitivity

TREATING SENSITIVE TEETH: A SIDE BY SIDE COMPARISON

COLGATE® SENSITIVE PRO-RELIEF™ TOOTH PASTE

ORDINARY SENSITIVITY TOOTH PASTES

TECHNOLOGY PLATFORM	PRO-ARGIN™	POTASSIUM NITRATE
Helps repair sensitive areas of teeth [†] arginine and calcium formulation	✓	
Clinically proven instant and superior sensitivity relief ^{¥, 2-5}	✓	
Acid-resistant occluding layer ⁶	✓	
Relieves the pain of sensitive teeth [†]	✓	✓
Inhibits Plaque and Calculus Buildup	✓	



† With continued use. Also fights cavities.
¥ vs. toothpastes with 5% potassium nitrate. For instant relief, apply directly to the sensitive tooth and gently massage for 1 minute.
Reference: 1. Li Y et al. J Clin Dent. 2011; 23(5):103-110. 2. Nathoo S et al. J Clin Dent. 2009; 20(5):103-110. 3. Ayad F et al. J Clin Dent. 2009; 20(5):103-110. 4. Ayad F et al. J Clin Dent. 2009; 20(5):103-110. 5. Nathoo S et al. J Clin Dent. 2009; 20(5):103-110. Lavender et al. Am J Dent. 2010; 23(5):103-110.

Dr. Irfan Qureshi becomes first Pakistani to earn highest global qualification in Implant Dentistry

KARACHI: In a landmark achievement for Pakistan's dental fraternity, Dr. Irfan Qureshi has become the first Pakistani to earn the prestigious title of Diplomate of the American Board of Oral Implantology/Implant Dentistry (ABOI/ID) — widely regarded as the highest level of qualification in implant dentistry in the world.

This elite credential is awarded only to those who pass the rigorous ABOI/ID examinations, a process that signifies the highest standards of clinical excellence and professional competency in the field of oral implantology. With this achievement, Dr. Irfan Qureshi has not only raised the bar for dental professionals in the country but has also placed Pakistan on the global map of dental excellence.

According to global statistics:

- India has three Diplomates of the American Board of Oral Implantology/Implant Dentistry (ABOI/ID),
- The Middle East has a total of seven, including six from Saudi Arabia,
- And now, Pakistan joins this distinguished group with its very first Diplomate.

Dr. Irfan Qureshi holds the top UK qualification in Implantology being a Diplomate Implant Dentistry from Royal College of Surgeons, Edinburgh making



June 17, 2025

Dear Doctor Qureshi,

On behalf of the Board of Directors of the American Board of Oral Implantology/Implant Dentistry (ABOI/ID), I am pleased to inform you that you have passed the required ABOI/ID Examinations and are now a Diplomate of the American Board of Oral Implantology. This credential signifies the highest level of competency in implant dentistry. Congratulations on your achievement!

We look forward to acknowledging your accomplishments at the AAID Annual Conference in Phoenix, Arizona. You will be recognized as a new Diplomate at an ABOI/ID dinner ceremony that will take place November 14, 2025. You will receive more information regarding the ceremony once the details are finalized.

Additionally, you will be receiving documents from the ABOI/ID headquarters requesting information as it relates to your Diplomate certificate and website profile information.

Again, congratulations on your success and welcome to the American Board of Oral Implantology/Implant Dentistry.

Sincerely,

Justin Moody, DDS, MS
ABOI/ID President



Composite image featuring Dr. Irfan Qureshi alongside his official certification letter from the American Board of Oral Implantology/Implant Dentistry, commemorating his historic distinction as Pakistan's first ABOI/ID Diplomate. —Photo: DT Pakistan

him a rare professional holding top tier implantology qualifications from both USA and UK.

The honor will be formally recognized at the upcoming AAID Annual Conference in Phoenix, Arizona, during a special ceremony on November 14, 2025, where new Diplomates will be celebrated for their achievements.

Dr. Qureshi expressed his gratitude by stating:

"Alhamdulillah, I have now earned the highest global credentials in implant dentistry. This journey has been long and challenging, but it is worth every step knowing that it brings pride to my profession."

This milestone underscores the growing presence of South Asian professionals in global medical and dental leadership and reaffirms Pakistan's potential to produce world-class specialists in healthcare.

CHPE certificate distribution ceremony held at AIDM to honor faculty excellence in medical education

KARACHI: The Certificate in Health Professions Education (CHPE) certificate distribution ceremony for Batch 3 was recently held at the Altamash Institute of Dental Medicine (AIDM), highlighting the institute's ongoing commitment to excellence in medical and dental faculty development. The program, accredited by Jinnah Sindh Medical University (JSMU), represents a key step forward in promoting evidence-based teaching and leadership in health professions education.

Directed by Dr. Shaur Sarfaraz, Director of Medical Education at AIDM, the CHPE course aims to enhance the educational expertise of healthcare professionals through structured learning, reflective practices, and hands-on pedagogical training. This third cohort's successful completion reflects the growing interest



Group photo of CHPE Batch 3 graduates and faculty at the certificate distribution ceremony hosted by AIDM under JSMU accreditation. —Photo: DT Pakistan

in medical education capacity building in Pakistan.

The ceremony was graced by Prof. Dr. Hasnain Sakrani, Principal of AIDM, who personally awarded certificates to the graduating participants. He lauded the dedication of the faculty and

emphasized the pivotal role such academic programs play in raising educational standards within the health sector.

Special appreciation was extended to Dr. Aliza Jaffery for her excellent coordination throughout the course and to Dr. Resham

Nadeem for ensuring smooth administrative operations. Their contributions were acknowledged as instrumental to the program's seamless delivery and successful outcome.

This CHPE initiative not only aligns with global trends in health professions education reform but also ensures that local faculty members are equipped with the latest teaching methodologies, assessment strategies, and leadership skills needed to train the next generation of healthcare professionals.

By integrating international best practices with localized academic leadership, AIDM continues to serve as a leading institution in dental and medical education, reinforcing its standing through programs that embody trust, expertise, and academic excellence.

PMDC to implement global CPD framework for dentists and doctors in Pakistan

ISLAMABAD: The Pakistan Medical and Dental Council (PMDC) is preparing to launch a globally recognized Continuing Professional Development (CPD) system aimed at elevating the standards of dental and medical practice across the country. This major development is in collaboration with the Accreditation Council for Continuing Medical Education (ACCME), a U.S.-based leader in medical education accreditation.

The upcoming CPD framework will be structured, evidence-based, and internationally aligned, targeting the professional growth of licensed dentists and physicians in Pakistan. The initiative is designed to ensure that practitioners remain current with the latest clinical knowledge, technologies, and best practices throughout their careers.

ACCME delegation holds strategic talks in Islamabad

To accelerate the project, a high-level delegation from ACCME visited the PMDC headquarters in Islamabad. A



ACCME delegation and PMDC leadership pose for a group photograph at the PMDC headquarters in Islamabad following strategic talks on implementing a globally aligned CPD framework for Pakistan's dentists and physicians. —Photo: DT Pakistan

comprehensive 2.5-day strategy session was held, attended by key stakeholders from Pakistan's top medical and dental institutions. The sessions focused on:

- Global trends in CPD adoption
- Local needs and challenges in medical education
- Designing an implementation roadmap for Pakistan

What the new CPD system will offer

The CPD system will include a diverse mix of:

- Accredited online and in-person learning modules
- Clinical workshops and hands-on training
- Performance-based evaluations
- Digital tools to track practitioner development and compliance

Importantly, the framework is designed to integrate directly into the licensing and renewal cycle for dental and medical professionals, ensuring long-

term adherence and continuous improvement in patient care.

Prof. Dr. Rizwan Taj, President of PMDC, called the move a "transformative milestone" for Pakistan's healthcare education.

"By launching a nationally integrated, globally respected CPD system, we aim to uplift both our education standards and the global recognition of our healthcare professionals," he said.

Key benefits of the new CPD system:

- Improved clinical outcomes and patient safety
- Greater public trust in licensed practitioners
- Stronger alignment with global medical education standards
- Enhanced international employability for Pakistani healthcare providers

This initiative marks a major step toward strengthening Pakistan's medical and dental education ecosystem and aligns with the country's broader goals for healthcare modernization and professional development.

Guided tissue regeneration lecture delivers clinical insights at Bolan Dental College

QUETTA: The weekly academic lecture series at Bolan Dental College, Quetta continued to contribute to professional development and clinical education with its latest session focused on guided tissue regeneration (GTR). The session was led by Dr. Bakhtawar, MCPS Oral Surgery, and Incharge, Department of Oral Medicine and Periodontology, who presented an in-depth and clinically rich lecture on this advanced periodontal therapy technique.

Understanding guided tissue regeneration: a modern, conservative approach

Dr. Bakhtawar emphasized that GTR is a biologically driven, tissue-preserving technique used to regenerate periodontal structures lost to disease or trauma. It plays a vital role in

conserving natural dentition by treating deep periodontal defects with minimal surgical intervention.

She explained how GTR helps create a barrier that prevents epithelial migration into the defect area, allowing bone and periodontal ligament cells to repopulate and regenerate the tissue effectively. The lecture offered valuable insights into contemporary periodontal therapy, focusing on long-term prognosis and patient-centered outcomes.

Step-by-step case study and surgical protocol

A highlight of the session was the detailed case presentation involving a male patient who successfully underwent guided tissue regeneration. Dr. Bakhtawar walked the attendees

through every clinical step:

- Patient evaluation and radiographic assessment
- Flap design and surgical exposure
- Selection and placement of resorbable/non-resorbable membranes
- Suturing techniques and healing protocol

This step-wise demonstration made the procedure more accessible for house officers and students, blending theory with practical insight.

Emphasizing clinical judgment and case selection

She also highlighted the importance of case selection in GTR. Not all periodontal defects qualify for regeneration, and careful assessment of defect morphology, oral hygiene, and systemic conditions is essential

for successful outcomes. The lecture reinforced critical clinical decision-making—a skill crucial for future clinicians.

Institutional recognition

At the end of the lecture, Prof. Dr. Nasrullah Mengal, Principal of Bolan Dental College, commended the Department of Oral Medicine and Periodontology for their contribution to academic excellence and encouraged more such case-based sessions. He appreciated Dr. Bakhtawar's expertise and underscored the significance of periodontal regeneration in current dental practice.

This session stood out not just for its scientific rigor but also for encouraging ethical, evidence-based care and lifelong learning among the future dental professionals of Pakistan.

FJDC signs international academic and research collaboration MOU with Egypt's Alamein Hospital

KARACHI: In a major step toward advancing global dental education and research, Fatima Jinnah Dental College (FJDC) has entered into a formal academic and research partnership with El Alamein Model Hospital, Egypt. The Memorandum of Understanding (MOU), signed by Prof. Dr. S. Hussain Askary, CEO of FJDC, and Dr. Islam Kassem, Head of Oral & Maxillofacial Surgery and Research at El Alamein Hospital, sets a robust framework for international cooperation in dental sciences.

The agreement highlights a mutual commitment to fostering cutting-edge research, clinical innovation, and academic exchange programs that will benefit students, researchers, and healthcare professionals across both institutions.



Prof. Dr. S. Hussain Askary of FJDC and Dr. Islam Kassem of Alamein Hospital sign a landmark academic and research MOU, marking a milestone in Pakistan-Egypt dental collaboration.—Photo: DT Pakistan

Key highlights of the collaboration:

- Joint research projects: Faculty and researchers will collaborate on dental and oral health studies,

focusing on critical and emerging issues in oral and maxillofacial health.

- Scholarly co-authorship: Opportunities to co-author

peer-reviewed publications and scientific papers that meet global standards of academic excellence.

- Student exchange and internships: The MOU supports cross-cultural learning, enabling student placements in Egypt and Pakistan to gain international clinical exposure and enhance professional competencies.

- Faculty development: Exchange of teaching materials, digital tools, and advanced research methodologies to elevate the quality of education and scientific inquiry.

- Technology and knowledge sharing: Both institutions will share best practices in dental technology and educational innovation to remain aligned with global healthcare trends.

This collaboration is built on

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Pakistani dental student Jaint Kumar makes history at One Voice Conference 2025 in USA

KARACHI: In a moment of immense national pride and academic achievement, Jaint Kumar, a final-year Bachelor of Dental Surgery (BDS) student at Altamash Institute of Dental Medicine (AIDM), Karachi, has become the first Pakistani ever selected for the fully-funded One Voice Conference 2025 in the United States.

This groundbreaking opportunity came under the Student Leadership in Global Oral Health Program, organized by the Alliance for Oral Health Across Borders in collaboration with the American Academy of Developmental Medicine and Dentistry (AADMD).

Held from June 5 to 8 at the Westin Kierland Resort & Spa in Scottsdale, Arizona, the One Voice Conference 2025 brought together future leaders, healthcare advocates, researchers, and professionals from across the globe to exchange knowledge and strategies for advancing equitable



Jaint Kumar (center) of Altamash Institute of Dental Medicine proudly holds the Pakistani flag alongside international delegates at the One Voice Conference 2025 in Scottsdale, Arizona. Many participants wear Sindhi ajrak gifted by Kumar, symbolizing Pakistan's cultural heritage and his role in fostering global oral health collaboration. —Photo: DT Pakistan

and sustainable oral healthcare—especially for underserved communities.

A proud moment for Pakistan and AIDM

At the conference, Jaint Kumar—who hails from a minority background and has consistently demonstrated leadership in community health initiatives—presented his original research project on oral health disparities

in low-resource populations. His active engagement in panel discussions and collaborative sessions not only amplified his voice on global health platforms but also positioned Pakistan's dental education sector at the center of international dialogue on inclusive oral care.

"Jaint's participation in this global program exemplifies the caliber of our students and their

commitment to making oral health accessible to all," said Dr. Naseer Ahmed, Vice Principal of Altamash Institute of Dental Medicine. "It's a proud moment for the entire AIDM community."

Building leadership in global oral health

The Student Leadership in Global Oral Health Program is designed to nurture future changemakers in dentistry by exposing them to cross-border research, interdisciplinary mentorship, and real-world challenges in healthcare access. Participants were selected after a rigorous international vetting process, ensuring that only the most promising candidates—like Jaint—could contribute meaningfully to this mission.

By representing Pakistan and AIDM on this esteemed platform, Jaint Kumar has not only inspired his peers but has also laid the foundation for greater international academic collaboration in Pakistan's dental sector.

Bolan Dental College launches academic series with dental case study

QUETTA: Bolan Dental College (BDC), Quetta, officially launched its weekly clinical case presentation series with a compelling and interactive session on "Management of Root Perforation and Sodium Hypochlorite Extrusion Injury." The academic initiative was spearheaded by the Operative Dentistry Department, setting a high standard for future interdepartmental learning events.

The first presentation of the series was delivered by Dr. Rozina Sattar, a Postgraduate Resident (PGR-IV), and focused on the challenges, treatment protocols, and clinical decision-making in managing root perforations and related chemical injuries. The session was structured to combine evidence-based learning with real clinical insights, making it highly relevant for all levels of dental professionals.

The presentation was followed by a dynamic Q&A session, moderated by a panel of esteemed experts including:

- Dr. Talha Asad Tareen, Associate Professor and Head of Operative Dentistry
- Dr. Attaullah Shah
- Dr. Fahad Saleem



Collage of Bolan Dental College's inaugural weekly clinical case presentation on "Management of Root Perforation and Sodium Hypochlorite Extrusion Injury," featuring Dr. Rozina Sattar delivering the case study. —Photo: DT Pakistan

The post-presentation discussion was fully interactive, encouraging active participation from the audience comprising students, house officers, postgraduate trainees, and faculty members. The initiative is a part of a broader academic vision aimed at enhancing clinical competence

and academic discourse within the institution.

Commendable leadership was reflected in the academic vision of Prof. Dr. Nasrullah Mengal, Principal of Bolan Dental College, whose commitment to academic excellence has catalyzed the launch of this weekly program.

These sessions are expected to foster a culture of lifelong learning, collaborative knowledge sharing, and clinical excellence among future dental practitioners.

This marks a new chapter in BDC's academic calendar, reaffirming its commitment to quality education and clinical mastery.

FMH College of Dentistry boosts postgraduate success with FCPS mock exam workshop



Participants and faculty of FMH College of Dentistry's two day FCPS Part II mock exam workshop in operative dentistry and endodontics gather for a group photo. The workshop, led by Prof. Sarosh Ehsan and a national panel of senior FCPS examiners and CPSP fellows, provided hands on clinical training and structured evaluations to strengthen postgraduate exam readiness. —Photo: DT Pakistan

LAHORE: The FMH College of Dentistry recently organized a high-impact, two-day FCPS Part II mock exam workshop in operative dentistry and endodontics, offering rigorous exam preparation for dental postgraduates across Pakistan. Designed to mirror the real FCPS examination environment, the workshop enhanced candidates' readiness

through hands-on clinical training, structured evaluations, and personalized expert feedback.

Comprehensive clinical preparation for FCPS aspirants

The workshop, curated by Professor Sarosh Ehsan and supported by a national panel of seasoned examiners, brought together

participants from Lahore, Karachi, Islamabad, and other regions, underscoring the nationwide relevance of the event.

Day 1: Long case mock exam simulates real exam conditions

On the first day, 20 participants underwent a long case mock examination that tested

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Khyber Medical University holds dental awareness camp for free checkups, education

PESHAWAR: The Khyber Medical University (KMU), Peshawar successfully organized a community dental awareness camp on May 8, 2025, aiming to promote oral health and hygiene among the general public. The initiative was spearheaded by Dr. Benish Aleem, Head of the Department of Oral Pathology at the Institute of Pathology and Diagnostic Medicine (IPDM).

The event witnessed enthusiastic participation from students, faculty, staff, and residents of nearby communities. A core highlight of the camp was free dental check-ups, interactive sessions on preventive dental care, and oral hygiene education, all delivered by a dedicated team of experienced dentists, faculty members, and student volunteers.

Expert-led oral health education and advanced dental care awareness

Speakers from Colgate Pakistan and Clearpath Orthodontics led educational sessions that offered



Participants and organizers of Khyber Medical University's dental awareness camp—including faculty, student volunteers, and representatives from Colgate Pakistan and Clearpath Orthodontics—pose after providing free check ups, hygiene kits, and oral health education to over 600 community members at KMU Peshawar. —Photo: DT Pakistan

practical guidance on daily oral hygiene practices and introduced attendees to modern treatment options. A dedicated Q&A session allowed direct engagement with experts, empowering participants with better understanding of long-term oral wellness.

Mobile dental services reach over 600 individuals

A mobile dental clinic, installed on campus by Clearpath Orthodontics, provided free oral examinations and consultations to more than 600 individuals, especially targeting underserved segments. Additionally, Colgate distributed complimentary dental hygiene kits, reinforcing its commitment to public oral health.

Institutional support and recognition

The event was commended by senior university leaders, including:

- Dr. Rubina Nazli – Dean, Basic Medical Sciences
- Dr. Innayat Shah – Director, IBMS
- Dr. Yaser Yousafzai – Director, IPDM
- Dr. Ihsan Ullah – Head of Microbiology, IPDM

They lauded the initiative's community outreach and its alignment with KMU's mission to promote preventive healthcare.

Vice chancellor's remarks

Professor Dr. Zia ul Haq, Vice Chancellor of KMU, praised the organizing team and thanked all stakeholders and sponsors. He reiterated KMU's continued commitment to healthy living, accessible healthcare, and community engagement, especially in areas like oral hygiene education, which are vital yet often overlooked.

Alvi Dental becomes first fully SHCC accredited dental clinic in Sindh

KARACHI: Alvi Dental, one of Pakistan's most trusted names in oral healthcare, has officially become the first fully accredited dental clinic in Sindh to comply with the comprehensive quality standards set by the Sindh Healthcare Commission (SHCC).

This prestigious recognition marks a historic milestone not only for Alvi Dental but also for the broader dental healthcare community in Sindh. The full accreditation underscores the clinic's unwavering commitment to clinical excellence, patient safety, and continuous quality improvement in line with the SHCC's rigorous protocols.

Founded in 1880, Alvi Dental has long been a pioneer in Pakistan's dental care sector. With this new status, it reinforces its legacy of delivering safe, ethical, and patient-centered care, making it a

benchmark institution for dental clinics across the province.

Raising the bar for dental care in Sindh

Alvi Dental's accreditation process involved a comprehensive evaluation across multiple parameters, including:

- Infection control and sterilization protocols
- Clinical documentation and patient recordkeeping
- Staff qualification, training, and performance
- Facility hygiene and safety measures
- Compliance with regulatory and ethical standards

By meeting all SHCC benchmarks, Alvi Dental is now officially recognized as a model dental clinic—an example for others aiming to elevate their practices in line with international norms.

Dow Dental College hosts hands-on digital dentistry workshop

KARACHI: Dow Dental College's Department of Periodontology led a transformative full-day workshop on digital dentistry, empowering clinicians and students to harness cutting-edge technologies for improved patient care and practice efficiency.

The in-house workshop showcased how digital solutions reshape diagnosis and treatment. Attendees brought their own laptops and practiced in real time with the latest Planmeca Romexis software, gaining firsthand experience in:

- AI-driven diagnostic tools
- CBCT imaging integration
- Digital treatment planning

Dr Fahad Umer and Dr Ayesha Hanif delivered engaging lectures on artificial intelligence applications—from predictive diagnostics to automated periodontal analysis.

Dr Abbas Mehdi demonstrated the importance of cone-beam computed tomography in precise

implant placement and complex case assessment.

Under the guidance of Dr Chander Kumar, Dr Romessa Abrar, and Dr Fatima Qazi, participants navigated Planmeca Romexis workflows. This practical segment strengthened attendees' confidence in:

- 3D imaging manipulation
- Digital treatment simulations
- Workflow optimization for patient appointments

By prioritizing interactive learning and mentorship, the workshop fostered a supportive environment. Students and practitioners shared feedback on how digital tools will enhance patient outcomes and streamline practice management.

Institutional support and next steps

Professor Naresh Kumar and Dr Faiza Amin's unwavering support from DUHS and DDC administration made the event possible.

Rotary endodontics workshop equips dentists with modern root canal techniques

TAXILA: The Department of Operative Dentistry, Endodontics, and Paediatric Dentistry at Dental College HITEC-IMS, Taxila, successfully conducted a comprehensive workshop on rotary endodontics and irrigation techniques, aimed at enhancing the clinical skills of general dental practitioners and house officers.

This evidence-based, hands-on training event brought together a distinguished team of experienced clinicians and academicians who delivered cutting-edge insights and practical demonstrations in modern root canal therapy.

The workshop focused on rotary endodontics using the ProTaper file system and advanced irrigation techniques, including chemical disinfection and irrigant activation using EndoActivator devices. These techniques represent the latest standards in endodontic care, improving efficiency, accuracy, and patient outcomes in root canal treatments.

Expert-led sessions grounded in clinical experience

The workshop was led by leading dental professionals who brought academic authority and clinical relevance to the sessions:

- Prof. Dr. Beenish Qureshi delivered a detailed lecture on the mechanics and clinical application of rotary endodontics, focusing on the ProTaper file system and its integration into general practice.
- Associate Professor Dr. Amna Riaz presented a comprehensive session on irrigation protocols, highlighting the

importance of disinfection, sequence optimization, and activation techniques in achieving endodontic success.

• Dr. Sharaz Ahmed and Dr. Summaya provided individualized guidance during the hands-on training, helping participants gain confidence with the ProTaper system and EndoActivator devices.

Practical training for clinical excellence

Participants benefited from immersive hands-on exercises, applying modern tools and techniques to simulated cases under expert supervision. This training approach enhanced their ability to implement rotary systems and advanced irrigation protocols in real-world scenarios.

The event concluded with a certificate and shield distribution ceremony, recognizing the contributions of the facilitators and the enthusiasm of the attendees. The overwhelmingly positive feedback highlighted the dental community's eagerness to adopt contemporary, evidence-based endodontic practices.

The department expressed sincere gratitude to Prof. Dr. Irfan Shah, Principal of Dental College HITEC-IMS, for his continued support in organizing transformative academic activities that drive clinical excellence and continuous professional development.

The Department of Operative Dentistry, Endodontics, and Paediatric Dentistry at HITEC-IMS remains committed to advancing dental education in Pakistan by fostering innovation, professional growth, and excellence in patient care.

Hands-on workshop at DDC trains dentists in separated file removal under microscope

KARACHI: A highly specialized CME-accredited workshop on separated file removal under the Dental Operating Microscope (DOM) was successfully conducted at Dow Dental College (DDC), DUHS, recently. Organized by the Department of Operative Dentistry, DDC, in collaboration with Liaquat College of Medicine and Dentistry, this workshop attracted significant attention from the dental community, given the complexity and importance of separated instrument retrieval in endodontics.

The hands-on workshop was facilitated by Prof Dr Arshad Hasan, Head of Operative Dentistry at Dow Dental College, with Dr Javeria Ali Khan and Dr Samia Ali serving as co-facilitators. The event saw overwhelming response, with all seats filled well before the registration deadline, reflecting the dental fraternity's growing interest in mastering advanced clinical techniques.

Separated file retrieval: a key endodontic challenge

Separated file removal is among the most challenging procedures in clinical dentistry, often determining the prognosis of root canal treatment. Recognizing the need for hands-on training in this skill, DDC provided participants a unique opportunity to learn under expert supervision in a fully equipped simulation environment.

The event began with an opening address by Principal DDC, Prof Dr Naresh Kumar, who commended the efforts of the organizing team and emphasized the importance of continuous professional development in dentistry. This was followed by shield and certificate distribution among the organizers and chief guest.

Dr Arshad Hasan then delivered an insightful lecture on the principles and protocols of file retrieval under magnification. His lecture generated strong engagement and a vibrant Q&A session with the participants, underscoring the relevance of the topic.

State-of-the-art hands-on training under microscope

After refreshments, the workshop moved to the phantom head simulation lab, where three microscopes were set up for live demonstrations and practice.

- Dr Javeria Ali Khan and Dr Samia Ali guided participants on staging and canal exposure using plastic blocks.
- Prof Dr Arshad Hasan demonstrated the actual file retrieval technique using the BTR Pen loop device by Cerkamed (Poland) on specialized training blocks, developed exclusively for this workshop.

Participants appreciated the real-time experience of performing file retrieval under a dental microscope, a skill increasingly required in complex endodontic cases. The session provided not just technical training, but also confidence-building and mentorship in a congenial learning atmosphere.

The workshop concluded with extremely positive feedback from the attendees, who expressed their gratitude to the leadership and faculty of Dow Dental College for organizing such a valuable clinical learning experience.

JMDC honors BDS high achievers with 100% success in JSMU exams



Jinnah Medical & Dental College celebrates academic excellence as final year BDS students achieve perfect results in JSMU professional exams. —Photo: DT Pakistan

KARACHI: The Jinnah Medical & Dental College (JMDC) recently held a celebration to recognize its final year BDS students for their remarkable achievement of securing

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